

California Regional Water Quality Control Board  
North Coast Region

MONITORING AND REPORTING PROGRAM No. R1-2002-0002

FOR

CALIFORNIA DEPARTMENT OF TRANSPORTATION  
SEISMIC RETROFIT PROJECT, HUMBOLDT BAY BRIDGES

Humboldt County

**MONITORING**

The following monitoring program shall be followed whenever any site activities result in a visible increase in turbidity of Humboldt Bay. One sample shall be collected within ten feet of the point of discharge as well as one upstream<sup>1</sup> and one downstream<sup>2</sup> sample.

Samples shall be analyzed for the following:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Frequency</u>
Turbidity	NTU's	Grab	Daily

The following monitoring program shall be followed whenever there is any discharge to Humboldt Bay or its tributaries from temporary storage tank or settling basin systems described in Finding 5 of Waste Discharge Requirements Order No. R1-2002-0002. For each sampling frequency and constituent, one upstream<sup>1</sup>, and one downstream<sup>2</sup> sample shall be collected.

Samples shall be analyzed for the following:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Frequency</u>
Turbidity	NTU's	Grab	Daily
Temperature	°C	Grab	Daily
Dissolved Oxygen	mg/l	Grab	Daily
pH	pH units	Grab	Daily
Total Suspended Solids	mg/l	Grab	Daily

**REPORTING**

<sup>1</sup> A sample shall be collected from a location a minimum of 50 feet prior to the incoming/outgoing tide reaching the point of discharge.

<sup>2</sup> A sample shall be collected from the area influenced by the incoming/outgoing tide at least 200 feet beyond the point of discharge.

Monitoring reports shall be submitted to the Regional Water Board monthly such that they are received by the 1st day of the second month following the monthly monitoring period.

Monitoring reports shall be submitted for months where no construction activity or discharges occurred and shall state that no activity occurred.

In reporting monitoring data, the permittee shall arrange the data in tabular form on an 8 1/2 by 11-inch sheet so the date, constituents, and concentrations are readily discernible. The monitoring reports shall contain all new data as well as historical data. The monitoring reports shall contain a detailed map showing the location of sample collection points. If the permittee is unable to collect samples for any reason, the monitoring report shall so indicate. The monitoring data and any necessary narrative reports shall be properly titled and referenced to this Order and shall be submitted to the Regional Water Board and certified to be true and correct under penalty of perjury, signed by either a principal executive officer or a ranking elected official.

### **NOTIFICATION**

The permittee shall submit a notice in writing to the Regional Water Board at least 15 days in advance of any activity which involves the Humboldt Bay. The notice shall include the proposed activity date, location, and activity(s) performed. In the event of an unpermitted discharge to Humboldt Bay, the permittee shall notify the Executive Officer by telephone as soon as he/she or his/her agents have knowledge of the incident and confirm this notification in writing within two weeks of the telephone notification. The written notification shall include pertinent information explaining reasons for the noncompliance and shall indicate the steps taken to correct the problem, the dates thereof, and the steps being taken to prevent the problem from recurring.

Ordered by: \_\_\_\_\_

Susan A. Warner  
Executive Officer

January 24, 2002

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